

ABSTRACT

Novel modifying agents contain a sharply-melting crystalline polymer ingredient, preferably a side chain crystalline (SCC) ingredient, and an active chemical ingredient. Such modifying agents, especially when in the form of particles, can be placed in contact with a matrix, will not modify the matrix below the crystalline melting point T_p , but will rapidly modify the matrix above T_p . The active chemical ingredient can react with the matrix, catalyze a reaction of the matrix, or inhibit a reaction of the matrix. Particularly useful compositions are polymer precursors which are storage-stable at low temperatures but which are rapidly converted to crosslinked resins when heated to temperatures above T_p , optionally in the presence of light.

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Figure 1 Schematic diagram of the experimental setup. The subject is seated in a chair, viewing a screen displaying a target (a red dot) and a starting point (a green dot). The subject's hand is positioned at the starting point, and the target is located at a distance of 10 cm from the starting point. The subject is instructed to move the hand to the target as quickly and accurately as possible. The screen is positioned at a distance of 10 cm from the starting point. The subject's hand is positioned at the starting point, and the target is located at a distance of 10 cm from the starting point. The subject is instructed to move the hand to the target as quickly and accurately as possible. The screen is positioned at a distance of 10 cm from the starting point.